

SEQUENCE LISTING

<110> Barker, Nicholas P.
Podolsky, Daniel K.

<120> ASIALO-INTERFERONS AND THE TREATMENT
OF LIVER CANCER

<130> 50206/014002

<150> US 60/408,265

<151> 2002-09-05

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 188

<212> PRT

<213> Homo sapiens

<400> 1

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Lys Ser Ser Cys Ser Val Gly Cys Asp Leu Pro Gln Thr His Ser Leu
          20          25          30
Gly Ser Arg Arg Thr Leu Met Leu Leu Ala Gln Met Arg Lys Ile Ser
          35          40          45
Leu Phe Ser Cys Leu Lys Asp Arg His Asp Phe Gly Phe Pro Gln Glu
          50          55          60
Glu Phe Gly Asn Gln Phe Gln Lys Ala Glu Thr Ile Pro Val Leu His
65          70          75          80
Glu Met Ile Gln Gln Ile Phe Asn Leu Phe Ser Thr Lys Asp Ser Ser
          85          90          95
Ala Ala Trp Asp Glu Thr Leu Leu Asp Lys Phe Tyr Thr Glu Leu Tyr
          100          105          110
Gln Gln Leu Asn Asp Leu Glu Ala Cys Val Ile Gln Gly Val Gly Val
          115          120          125
Thr Glu Thr Pro Leu Met Lys Glu Asp Ser Ile Leu Ala Val Arg Lys
          130          135          140
Tyr Phe Gln Arg Ile Thr Leu Tyr Leu Lys Glu Lys Lys Tyr Ser Pro
145          150          155          160
Cys Ala Trp Glu Val Val Arg Ala Glu Ile Met Arg Ser Phe Ser Leu
          165          170          175
Ser Thr Asn Leu Gln Glu Ser Leu Arg Ser Lys Glu
          180          185
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<210> 2

<211> 187

<212> PRT

<213> Homo sapiens

<400> 2

Met	Thr	Asn	Lys	Cys	Leu	Leu	Gln	Ile	Ala	Leu	Leu	Leu	Cys	Phe	Ser	
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Thr	Thr	Ala	Leu	Ser	Met	Ser	Tyr	Asn	Leu	Leu	Gly	Phe	Leu	Gln	Arg	
		20						25					30			
Ser	Ser	Asn	Phe	Gln	Cys	Gln	Lys	Leu	Leu	Trp	Gln	Leu	Asn	Gly	Arg	
		35					40					45				
Leu	Glu	Tyr	Cys	Leu	Lys	Asp	Arg	Met	Asn	Phe	Asp	Ile	Pro	Glu	Glu	
	50					55					60					
Ile	Lys	Gln	Leu	Gln	Gln	Phe	Gln	Lys	Glu	Asp	Ala	Ala	Leu	Thr	Ile	
65					70					75					80	
Tyr	Glu	Met	Leu	Gln	Asn	Ile	Phe	Ala	Ile	Phe	Arg	Gln	Asp	Ser	Ser	
			85						90					95		
Ser	Thr	Gly	Trp	Asn	Glu	Thr	Ile	Val	Glu	Asn	Leu	Leu	Ala	Asn	Val	
			100					105					110			
Tyr	His	Gln	Ile	Asn	His	Leu	Lys	Thr	Val	Leu	Glu	Glu	Lys	Leu	Glu	
		115					120					125				
Lys	Glu	Asp	Phe	Thr	Arg	Gly	Lys	Leu	Met	Ser	Ser	Leu	His	Leu	Lys	
		130				135					140					
Arg	Tyr	Tyr	Gly	Arg	Ile	Leu	His	Tyr	Leu	Lys	Ala	Lys	Glu	Tyr	Ser	
145					150					155					160	
His	Cys	Ala	Trp	Thr	Ile	Val	Arg	Val	Glu	Ile	Leu	Arg	Asn	Phe	Tyr	
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Phe	Ile	Asn	Arg	Leu	Thr	Gly	Tyr	Leu	Arg	Asn						
			180					185								

<210> 3
 <211> 166
 <212> PRT
 <213> Homo sapiens

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Gly	Ser	Leu	Gly	Cys	Tyr	Cys	Gln	Asp	Pro	Tyr	Val	Lys	Glu	Ala	Glu	
		20						25					30			
Asn	Leu	Lys	Lys	Tyr	Phe	Asn	Ala	Gly	His	Ser	Asp	Val	Ala	Asp	Asn	
		35					40					45				
Gly	Thr	Leu	Phe	Leu	Gly	Ile	Leu	Lys	Asn	Trp	Lys	Glu	Glu	Ser	Asp	
	50					55					60					
Arg	Lys	Ile	Met	Gln	Ser	Gln	Ile	Val	Ser	Phe	Tyr	Phe	Lys	Leu	Phe	
65					70					75					80	
Lys	Asn	Phe	Lys	Asp	Asp	Gln	Ser	Ile	Gln	Lys	Ser	Val	Glu	Thr	Ile	
			85						90					95		
Lys	Glu	Asp	Met	Asn	Val	Lys	Phe	Phe	Asn	Ser	Asn	Lys	Lys	Lys	Arg	
		100						105					110			
Asp	Asp	Phe	Glu	Lys	Leu	Thr	Asn	Tyr	Ser	Val	Thr	Asp	Leu	Asn	Val	
		115					120					125				
Gln	Arg	Lys	Ala	Ile	His	Glu	Leu	Ile	Gln	Val	Met	Ala	Glu	Leu	Ser	
		130				135					140					
Pro	Ala	Ala	Lys	Thr	Gly	Lys	Arg	Lys	Arg	Ser	Gln	Met	Leu	Phe	Arg	
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Gly	Arg	Arg	Ala	Ser	Gln											
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<212> DNA
<213> Homo sapiens

<400> 4

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caagctgctc tgtgggctgt gatctgcctc aaaccacag cctgggtagc aggaggacct 180
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actttggatt tccccaggag gagtttggca accagttcca aaaggctgaa accatccctg 300
tcctccatga gatgatccag cagatcttca atctcttcag cacaaaggac tcatctgctg 360
cttgggatga gaccctccta gacaaattct acactgaact ctaccagcag ctgaatgacc 420
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caaaacttgca agaaagttta agaagtaagg aatgaaaact ggttcaacat ggaaatgatt 660
ttcattgatt cgtatgccag ctcacctttt tatgatctgc catttcaaag actcatgttt 720
ctgctatgac catgacacga tttaaatctt ttcaaagtgt tttaggagta ttaatcaaca 780
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tattctttta aatgaaattc caagccta at tgtgcaacct gattacagaa taactggtac 1080
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<210> 5
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<212> DNA
<213> Homo sapiens

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ctcctgtggc aattgaatgg gaggcttgaa tattgcctca aggacaggat gaactttgac 180
atccctgagg agattaagca gctgcagcag ttccagaagg aggacgccgc attgaccatc 240
tatgagatgc tccagaacat ctttgcattt ttccagacaag attcatctag cactggctgg 300
aatgagacta ttgttgagaa cctcctggct aatgtctatc atcagataaa ccactctgaa 360
acagtccctg aagaaaaact ggagaaagaa gattttacca ggggaaaaact catgagcagt 420
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<210> 6
<211> 1193
<212> DNA
<213> Homo sapiens

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agttatatct tggtttttca gctctgcac gttttgggtt ctcttggtctg ttaactgccag 180
gacccatatg taaaagaagc agaaaacctt aagaaatatt ttaatgcagg tcattcagat 240
gtagcggata atggaactct tttcttaggc attttgaaga attggaaaga ggagagtgc 300
agaaaaataa tgcagagcca aattgtctcc ttttacttca aactttttta aaactttaaa 360
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tcccagtaat	ggttgtcctg	cctgcaatat	ttgaatttta	aatctaaatc	tattttattaa	660
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